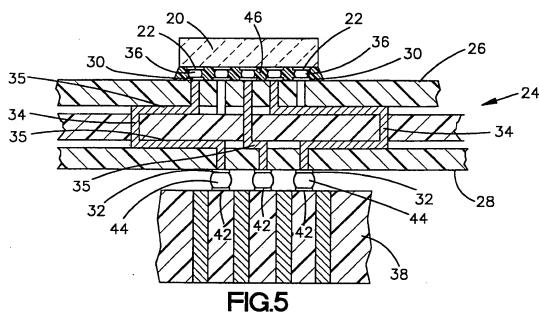
U.S. Patent Jan. 9, 1996 Sheet 1 of 3 12 FIG.1 PRIOR ART STRAIN (%) 0 DISPLACEMENT V(μm) 0 -1.0**TENSION** -1.0FREE THERMAL **EXPANSION** -2.0-2.0-3.0**COMPRESSION** -9 9 (X) FIG.2 NUMBER OF SOLDER BALLS PRIOR ART 22 20 22 36 26 30 36 35 -24





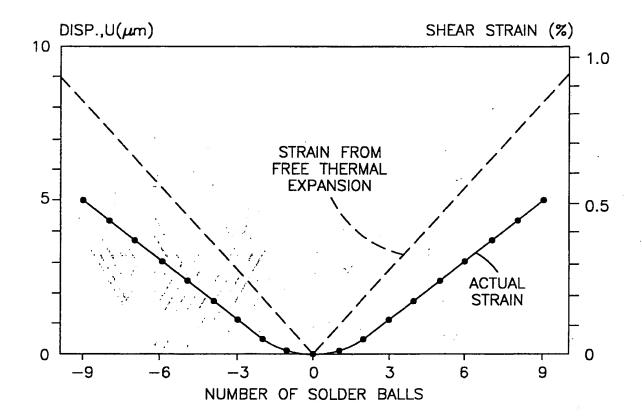


Fig.3
PRIOR ART

CECTORACE

2.3

